

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S29	16	regulator near5 (voltage) near30 (positive) near30 (negative) near30 (disabl \$3 shutdown shut\$4 adj (off down) shutoff cutoff cut\$4 adj off)	US-PGPUB; USPAT	OR	ON	2010/10/16 14:58
S30	11	("3898532"   "4057767"   "4296278"   "4355341"   "4427951"   "4484150"   "4486720"   "4631713"). PN. OR ("5365201"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/16 15:10
S31	1328	(voltage) near30 (disabl \$3 shutdown shut\$4 adj (off down) shutoff cutoff cut\$4 adj off) near30 drain near30 gate	US-PGPUB; USPAT	OR	ON	2010/10/16 15:19
S32	4	(disabl\$3 shutdown shut \$4 adj (off down) shutoff cutoff cut\$4 adj off) near10 drain near50 gate near10 voltage near50 regulator	US-PGPUB; USPAT	OR	ON	2010/10/16 15:21
S33	888	(disabl\$3 shutdown shut \$4 adj (off down) shutoff cutoff cut\$4 adj off) near10 drain near50 gate near10 voltage	US-PGPUB; USPAT	OR	ON	2010/10/16 15:21
S34	29	drain near3 bias near50 gate near3 bias near50 regulator	US-PGPUB; USPAT	OR	ON	2010/10/16 15:22
S35	11	("3199015"   "3337787"   "3473039"   "3818308"   "4024451"   "5663876").PN. OR ("6259237").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/16 15:26

S36	1017	(disabl\$3 shutdown shut \$4 adj (off down) shutoff cutoff cut\$4 adj off) near10 regulator near30 (current)	US-PGPUB; USPAT	OR	ON	2010/10/16 15:33
S37	398	(disabl\$3 shutdown shut \$4 adj (off down) shutoff cutoff cut\$4 adj off) near10 voltage near2 regulator near30 (current)	US-PGPUB; USPAT	OR	ON	2010/10/16 15:33
S38	0	(disabl\$3 shutdown shut \$4 adj (off down) shutoff cutoff cut\$4 adj off) near10 voltage near2 regulator near30 (current) near30 drain near30 gate	US-PGPUB; USPAT	OR	ON	2010/10/16 15:33
S39	17	(disabl\$3 shutdown shut \$4 adj (off down) shutoff cutoff cut\$4 adj off) near10 voltage near2 regulator near30 (current) near30 (source drain emitter collector) near30 (gate base)	US-PGPUB; USPAT	OR	ON	2010/10/16 15:33
S40	46	(disabl\$3 shutdown shut \$4 adj (off down) shutoff cutoff cut\$4 adj off) near10 regulator near30 (source drain emitter collector) near30 (gate base) near5 (bias voltage)	US-PGPUB; USPAT	OR	ON	2010/10/16 15:43
S41	7	("4985707"   "5574967"   "5619503").PN. OR ("6442374").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/16 16:05
S42	30375	(gate base) near5 (bias voltage) near20 (negative)	US-PGPUB; USPAT	OR	ON	2010/10/16 16:08
S43	165	(gate base) near5 (bias voltage) near20 (negative) near100 (regulat\$3) near30 (emitter collector drain source)	US-PGPUB; USPAT	OR	ON	2010/10/16 16:09

S44	16	(gate base) near5 (bias) near20 (negative) near100 (regulat\$3) near30 (emitter collector drain source)	US-PGPUB; USPAT	OR	ON	2010/10/16 16:09
S45	179	330/199.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/16 16:21
S46	319	330/127.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/16 16:21
S47	390	330/134.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/16 16:22
S48	1199	330/296.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/16 16:23
S49	791	330/297.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/16 16:23
S50	2679	S45 S46 S47 S48 S49	US-PGPUB; USPAT	OR	ON	2010/10/16 16:26
S51	679	S50 and (regulat\$3)	US-PGPUB; USPAT	OR	ON	2010/10/16 16:27
S52	84	S50 and (regulat\$3) near20 (off cutoff shutoff shutdown suspend disable inhibit)	US-PGPUB; USPAT	OR	ON	2010/10/16 16:28
S53	31	(regulat\$3) near20 (off cutoff shutoff shutdown suspend disable inhibit) near50 (bias) near10 (gate base) near10 (collector drain source emitter)	US-PGPUB; USPAT	OR	ON	2010/10/16 16:34
S54	21	(regulat\$3) near100 (bias) near10 (gate base) near10 (collector drain source emitter) near100 (current) near10 (limit\$3)	US-PGPUB; USPAT	OR	ON	2010/10/16 16:58
S55	179	330/199.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/17 13:03
S56	319	330/127.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/17 13:03
S57	390	330/134.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/17 13:03
S58	1199	330/296.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/17 13:03
S59	791	330/297.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/17 13:03

S60	2679	S55 S66 S67 S58 S59	US-PGPUB; USPAT	OR	ON	2010/10/17 13:03
S61	679	S60 and regulat\$3	US-PGPUB; USPAT	OR	ON	2010/10/17 13:04
S62	91	S60 and (regulat\$3) near20 (off cutoff shut \$4 shutoff shutdown suspend\$3 disabl\$3 inhibit\$3 kill\$3 deactivat \$3 stop\$4)	US-PGPUB; USPAT	OR	ON	2010/10/17 13:05
S63	408	S60 and bias near20 (off cutoff shut\$4 shutoff shutdown suspend\$3 disabl\$3 inhibit\$3 kill\$3 deactivat\$3 stop\$4)	US-PGPUB; USPAT	OR	ON	2010/10/17 13:58
S64	43	S60 and (emitter collector drain source) near10 (base gate) near10 bias near100 (off cutoff shut\$4 shutoff shutdown suspend\$3 disabl\$3 inhibit\$3 kill\$3 deactivat\$3 stop\$4)	US-PGPUB; USPAT	OR	ON	2010/10/17 13:59
S65	22	S60 and (collector drain) near10 (base gate) near10 bias near100 (off cutoff shut\$4 shutoff shutdown suspend\$3 disabl\$3 inhibit\$3 kill\$3 deactivat\$3 stop\$4)	US-PGPUB; USPAT	OR	ON	2010/10/17 14:00
S66	385	307/85.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/17 14:15
S67	410	307/86.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/17 14:15
S68	945	307/87.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/17 14:15
S69	1622	S66 S67 S68	US-PGPUB; USPAT	OR	ON	2010/10/17 14:15
S70	2	S69 and (collector drain) near10 (base gate) near10 bias near100 (off cutoff shut\$4 shutoff shutdown suspend\$3 disabl\$3 inhibit\$3 kill\$3 deactivat\$3 stop\$4)	US-PGPUB; USPAT	OR	ON	2010/10/17 14:16

S71	80	S69 and (regulat\$3) near20 (off cutoff shut \$4 shutoff shutdown suspend\$3 disabl\$3 inhibit\$3 kill\$3 deactivat \$3 stop\$4)	US-PGPUB; USPAT	OR	ON	2010/10/17 14:16
S72	9	S69 and (regulat\$3) near20 (off cutoff shut \$4 shutoff shutdown suspend\$3 disabl\$3 inhibit\$3 kill\$3 deactivat \$3 stop\$4) and (base gate) near5 (bias voltage)	US-PGPUB; USPAT	OR	ON	2010/10/17 14:27
S73	41	S69 and (regulat\$3) near20 (off cutoff shut \$4 shutoff shutdown suspend\$3 disabl\$3 inhibit\$3 kill\$3 deactivat \$3 stop\$4) and (base gate) near5 (bias voltage)	US-PGPUB; USPAT	OR	ON	2010/10/17 14:28
S74	960	307/18,29,35,62.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/17 14:33
S75	2	S74 and (regulat\$3) near20 (off cutoff shut \$4 shutoff shutdown suspend\$3 disabl\$3 inhibit\$3 kill\$3 deactivat \$3 stop\$4) and (base gate) near5 (bias voltage)	US-PGPUB; USPAT	OR	ON	2010/10/17 14:33
S76	22	S74 and (regulat\$3) near20 (off cutoff shut \$4 shutoff shutdown suspend\$3 disabl\$3 inhibit\$3 kill\$3 deactivat \$3 stop\$4) and (base gate) near5 (bias voltage)	US-PGPUB; USPAT	OR	ON	2010/10/17 14:34
S77	62	S73 S76	US-PGPUB; USPAT	OR	ON	2010/10/17 14:34
S78	313	(gate base) near3 regulator and (collector drain) near3 regulator	US-PGPUB; USPAT	OR	ON	2010/10/17 14:55
S79	5	(gate base) near3 regulator near30 (fail\$3 fault\$3) and (collector drain) near3 regulator	US-PGPUB; USPAT	OR	ON	2010/10/17 14:55

S80	3	(gate base) near3 regulator and (collector drain) near3 regulator near30 (fail\$3 fault\$3)	US-PGPUB; USPAT	OR	ON	2010/10/17 15:11
S81	9	(gate base) near3 regulator and (collector drain) near3 regulator near30 (disabl\$3 inhibit \$3 shutdown cutoff shut \$4 adj down off deactivat\$3 stop\$4)	US-PGPUB; USPAT	OR	ON	2010/10/17 15:12

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